

WHAT IS CLAIMED IS:

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1. A closure device comprising:
a first fastening strip;
5 a second fastening strip;
a slider adapted to be slidably disposed on said
fastening strips and facilitating the occlusion of said
fastening strips when moved towards a first end thereof
and facilitating the deocclusion of said fastening strips
10 when moved towards a second end thereof, said fastening
strips and said slider having a longitudinal X axis and a
transverse Y axis, said transverse Y axis being
perpendicular to said longitudinal X axis, said fastening
strips and said slider having a vertical Z axis, said
15 vertical Z axis being perpendicular to said longitudinal X
axis, said vertical Z axis being perpendicular to said
transverse Y axis, a first end stop at said first end, said
slider comprising a housing having a first jaw for
engaging said first end stop when said slider is moved to
20 said first end of said fastening strips and said first jaw
thereby preventing removal of said slider from said first
end of said fastening strips in said longitudinal X axis.
2. The invention as in claim 1 wherein said first
25 jaw is located at a first end of the slider.
3. The invention as in claim 1 wherein said first
jaw is positioned above the fastening strips.
- 30 4. The invention as in claim 3 wherein said first
jaw is located at the first end of the slider and said
first jaw is positioned above the fastening strips.
5. The invention as in claim 2 wherein a second jaw
35 is located at the first end of the slider.

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6. The invention as in claim 2 wherein a third jaw is located at a second end of the slider.

7. The invention as in claim 5 wherein a third jaw and a fourth jaw are located at a second end of the slider.

8. The invention as in claim 4 wherein the first end stop extends above the fastening strips.

9. the invention as in claim 1 wherein the first end stop has a first surface which extends outwardly.

10. The invention as in claim 5 wherein the first end stop has a first surface which extends outwardly.

11. The invention as in claim 10 wherein said first jaw and said second jaw define a first slot, said first slot has a first width, said first end stop has a second width, said second width is greater than said first width.

12. The invention as in claim 11 wherein said first surface is a protrusion, said second width includes said protrusion.

13. The invention as in claim 11 wherein said first surface is a planar surface, said second width includes said planar surface.

14. The invention as in claim 13 wherein said planar surface includes a protrusion, said second width includes said protrusion.

15. The invention as in claim 9 wherein said first surface is a protrusion, said first jaw engages said ~~protrusion~~.

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5 17. The invention as in claim 16 wherein said first surface includes a protrusion, said first jaw engages said protrusion.

19. The invention as in claim 1, wherein said fastening strips comprise U-channel closure type fastening strips.

21. The invention as in claim 1, wherein said
20 fastening strips comprise profile type fastening strips.

30 a longitudinal X axis and a transverse Y axis, said transverse Y axis being perpendicular to said longitudinal X axis, said slider having a vertical Z axis, said vertical Z axis being perpendicular to said longitudinal X axis, said vertical Z axis being perpendicular to said transverse Y axis;

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23. The invention as in claim 22 wherein said first
5 jaw is located at a first end of the slider.

10 25. The invention as in claim 24 wherein said first
jaw is located at the first end of the slider and said
first jaw is positioned above the fastening strips.

27. The invention as in claim 23 wherein a third jaw is located at a second end of the slider.

29. The invention as in claim 25 wherein the first
25 end stop extends above the fastening strips.

30 31. The invention as in claim 26 wherein the first
end stop has a first surface which extends outwardly.

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33. The invention as in claim 32 wherein said first surface is a protrusion, said second width includes said protrusion.

5 34. The invention as in claim 32 wherein said first surface is a planar surface, said second width includes said planar surface.

35. The invention as in claim 34 wherein said planar
10 surface includes a protrusion, said second width includes
said protrusion.

36. The invention as in claim 30 wherein said first surface is a protrusion, said first jaw engages said protrusion.

37. The invention as in claim 30 wherein said first surface is a planar surface, said first jaw engages said planar surface.

38. The invention as in claim 37 wherein said first surface includes a protrusion, said first jaw engages said protrusion.

25 39. The invention as in claim 22, wherein said first jaw is inwardly biased for engaging said first end stop.

40. A container comprising:
first and second side walls, said first and second
30 side walls including mating first and second fastening
strips respectively, said first and second fastening strips
comprising a closure device arranged to be interlocked over
a predetermined length,

35 a slider adapted to be slidably disposed on said fastening strips and facilitating the occlusion of said fastening strips when moved towards a first end thereof and facilitating the deocclusion of said fastening strips

when moved towards a second end thereof, said fastening strips and said slider having a longitudinal X axis and a transverse Y axis, said transverse Y axis being perpendicular to said longitudinal X axis, said fastening strips and said slider having a vertical Z axis, said vertical Z axis being perpendicular to said longitudinal X axis, said vertical Z axis being perpendicular to said transverse Y axis, a first end stop at said first end, said slider comprising a housing having a first jaw for engaging said first end stop when said slider is moved to said first end of said fastening strips and said first jaw thereby preventing removal of said slider from said first end of said fastening strips in said longitudinal X axis.

41. The invention as in claim 40 wherein said first jaw is located at a first end of the slider.

42. The invention as in claim 40 wherein said first jaw is positioned above the fastening strips.

43. The invention as in claim 42 wherein said first jaw is located at the first end of the slider and said first jaw is positioned above the fastening strips.

44. The invention as in claim 41 wherein a second jaw is located at the first end of the slider.

45. The invention as in claim 41 wherein a third jaw is located at a second end of the slider.

46. The invention as in claim 44 wherein a third jaw and a fourth jaw are located at a second end of the slider.

47. The invention as in claim 43 wherein the first end stop extends above the fastening strips.

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48. The invention as in claim 40 wherein the first end stop has a first surface which extends outwardly.

49. The invention as in claim 44 wherein the first end stop has a first surface which extends outwardly.

50. The invention as in claim 49 wherein said first jaw and said second jaw define a first slot, said first slot has a first width, said first end stop has a second width, said second width is greater than said first width.

51. The invention as in claim 50 wherein said first surface is a protrusion, said second width includes said protrusion.

52. The invention as in claim 50 wherein said first surface is a planar surface, said second width includes said planar surface.

53. The invention as in claim 52 wherein said planar surface includes a protrusion, said second width includes said protrusion.

54. The invention as in claim 48 wherein said first surface is a protrusion, said first jaw engages said protrusion.

55. The invention as in claim 48 wherein said first surface is a planar surface, said first jaw engages said planar surface.

56. The invention as in claim 55 wherein said first surface includes a protrusion, said first jaw engages said protrusion.

57. The invention as in claim 40, wherein said first jaw is inwardly biased for engaging said first end stop.

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58. The invention as in claim 40, wherein said fastening strips comprise U-channel closure type fastening strips.

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59. The invention as in claim 40, wherein said fastening strips comprise arrowhead type fastening strips.

60. The invention as in claim 40, wherein said fastening strips comprise profile type fastening strips.

61. A method of using a closure device comprising the steps of:

- providing a first fastening strip;
- providing a second fastening strip;
- providing a slider adapted to be slidably disposed on said fastening strips and facilitating the occlusion of said fastening strips when moved towards a first end thereof and facilitating the deocclusion of said fastening strips when moved towards a second end thereof, said fastening strips and said slider having a longitudinal X axis and a transverse Y axis, said transverse Y axis being perpendicular to said longitudinal X axis, said fastening strips and said slider having a vertical Z axis, said vertical Z axis being perpendicular to said longitudinal X axis, said vertical Z axis being perpendicular to said transverse Y axis, a first end stop at said first end, said slider comprising a housing having a first jaw for engaging said first end stop when said slider is moved to said first end of said fastening strips and said first jaw thereby preventing removal of said slider from said first end of said fastening strips in said longitudinal X axis; moving said slider and engaging the first end stop.

62. The invention as in claim 61 wherein said first jaw is located at a first end of the slider.

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63. ~~The invention as in claim 61 wherein said first jaw is positioned above the fastening strips.~~

64. The invention as in claim 63 wherein said first
5 jaw is located at the first end of the slider and said
first jaw is positioned above the fastening strips.

65. The invention as in claim 62 wherein a second jaw is located at the first end of the slider.

66. The invention as in claim 62 wherein a third jaw is located at a second end of the slider.

67. The invention as in claim 65 wherein a third jaw
15 and a fourth jaw are located at a second end of the
~~slider.~~

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